

A HYBRID TRANSMISSION METHOD FOR WIRELESS COMMUNICATIONS**Abstract of the Disclosure**

5 A method is described for transmitting information in a communication channel of a wireless communication system in which the communication channel is divided into a plurality of time slots of equal duration and each of the time slots is further sub-divided into multiple sub-slots or resource units. In one illustrative embodiment, the communication channel is divided into time slots according to a time division multiple access scheme. Each time slot is then further code-multiplexed
10 into one or more sub-slots according to a code division multiple access scheme. Each of the sub-slots is therefore capable of carrying a separately coded transmission within the communication channel so that multiple simultaneous transmissions can occur in any given time slot.

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